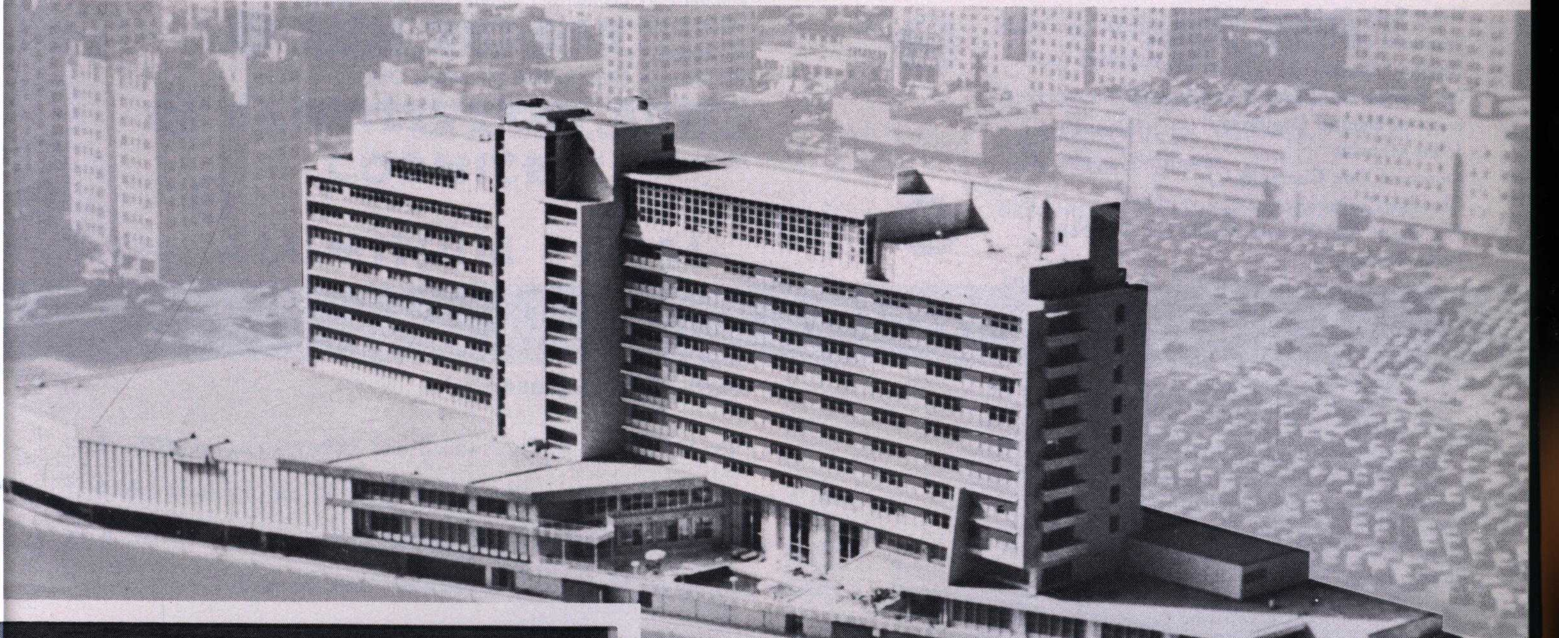
- walkway covers
- marquee-canopies
- sun shades
- cantilevered sun cornices
- aluminum panel wall facing
- gravel stop
- fascia

McKINLEY METAL PRODUCTS

McKinley Cantilevered Sun Cornices are featured on the beautiful new Dupont Plaza Center, Miami, Florida, which houses the permanent headquarters of The Architects International Bureau of Building Products.

Architects: Frank A. Shuflin, AIA
John E. Peterson, AIA



We cordially invite you to visit the permanent McKinley Products display in The Architects International Bureau of Building Products, Dupont Plaza, Miami.

Dupont Plaza *Center* selects

McKINLEY PRODUCTS

O. O. McKINLEY CO., INC.
INDIANAPOLIS 5, INDIANA

PRODUCT ACCEPTANCE

a few typical McKinley product installations

INDUSTRIAL AND COMMERCIAL

Fisher Body Division, G.M.C.
Standard Oil Company of Indiana
Upjohn Laboratories
The Kroger Company
General Electric Company
Johns-Manville
American Can Company
Chrysler Corporation
The Great Atlantic and Pacific Tea Company
Parke-Davis

SCHOOLS AND INSTITUTIONS

Lincoln Park Elementary School, Detroit, Michigan
Whittier School, Austin, Minnesota
St. Joseph Parish School, Shreveport, Louisiana
Washington High School, Hamilton, Ohio
North Central High School, Indianapolis, Indiana
Bethesda Hospital, Cincinnati, Ohio
Michael Reese Hospital, Chicago, Illinois

McKINLEY Products

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Page 12 . . . Sales Representation

McKINLEY PRODUCTS available everywhere!

For your McKinley sales representative see page 12, or contact the company.

O. O. McKINLEY CO., INC.
Liberty 6-1573
4530 N. Keystone Ave.
Indianapolis 5, Indiana

. . . a word of background

The O. O. McKinley Co., Inc., which had its beginning in 1926, cherishes a proud tradition of quality and integrity in the products which it makes—a tradition which has grown because of a close association with architects and the high standards which they have demanded.

Planned in close cooperation with architects from many parts of the country, all McKinley Products are manufactured by men long-experienced in building product requirements. All production details, plans and finished products are carefully checked with architect and builder to assure adherence to specifications and efficiency of installation.

McKinley products are planned to complement and blend with nearly every type of architecture, rather than become a distracting visual note. In many cases, older structures can be greatly improved in appearance by the installation of McKinley Products. Creative architects will find them to be versatile, flexible tools of design and construction which can help solve many perplexing problems of protection and sun control.

McKinley Products are manufactured in a modern, efficient plant in Indianapolis by skilled craftsmen who take pride in doing things right. All products are planned for the most efficient installation on either new or existing buildings. McKinley products are versatile and effective in performance, providing weather control for a wide variety of conditions. Today, fine McKinley installations may be found in nearly every state.

When you plan for attractive sun and weather control on your next building—plan for years of weather to come; plan with McKinley.

McKINLEY

sun control products

❶ MARQUEE-CANOPIES

❷ SUN SHADES

❸ CANTILEVERED SUN CORNICES

❹ ALUMINUM PANEL WALL FACING

❶ Building: Royal Madison Shopping Center, Madison Heights, Michigan

Engineer: Joseph Wassell and Associates

❷ Building: Chippewa County Courthouse, Montevideo, Minn.

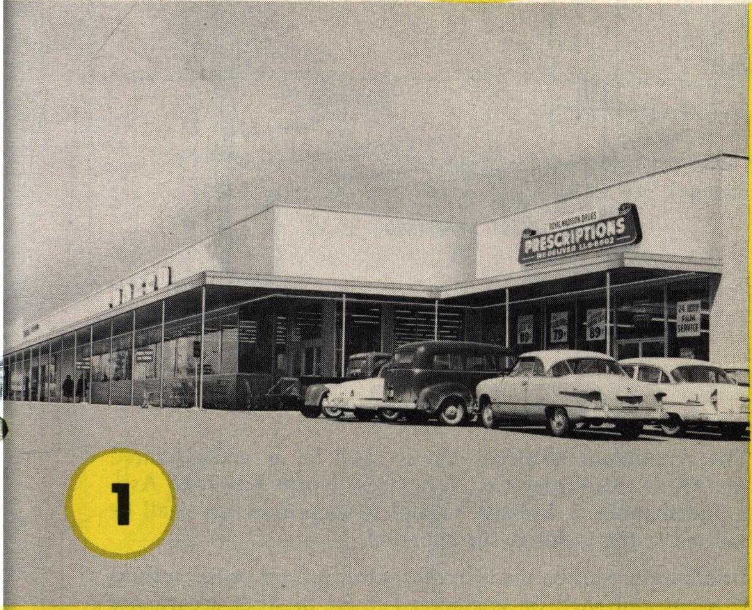
Architects: Thorshov and Cerny, AIA

❸ Building: Standard Oil Divisional Office, Indianapolis

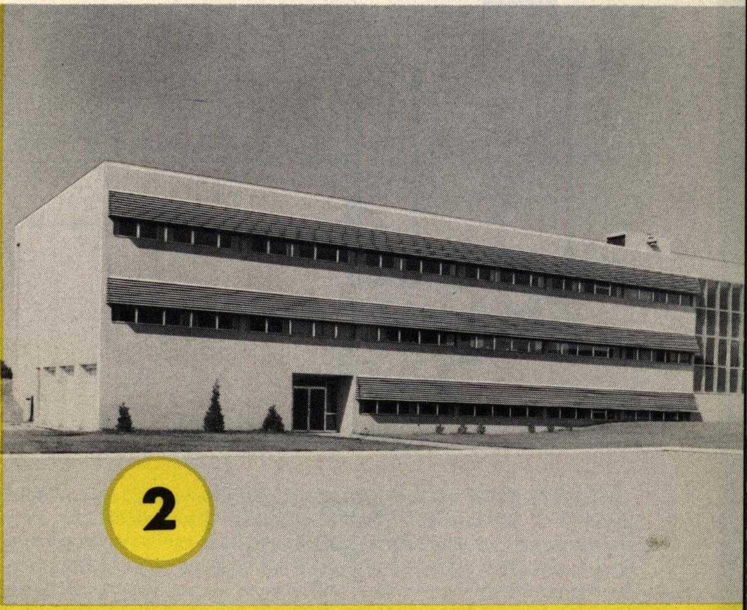
Architects: Standard Oil Operations Engineering; G. W. Terpi, AIA; R. A. Niles, Engineer

❹ Building: A & P Supermarket, Cincinnati

Engineer: C. E. Sinnige



1



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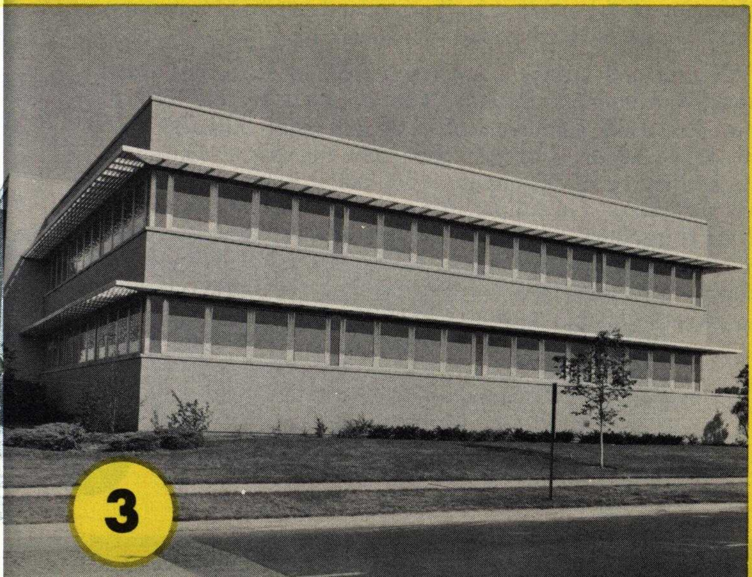

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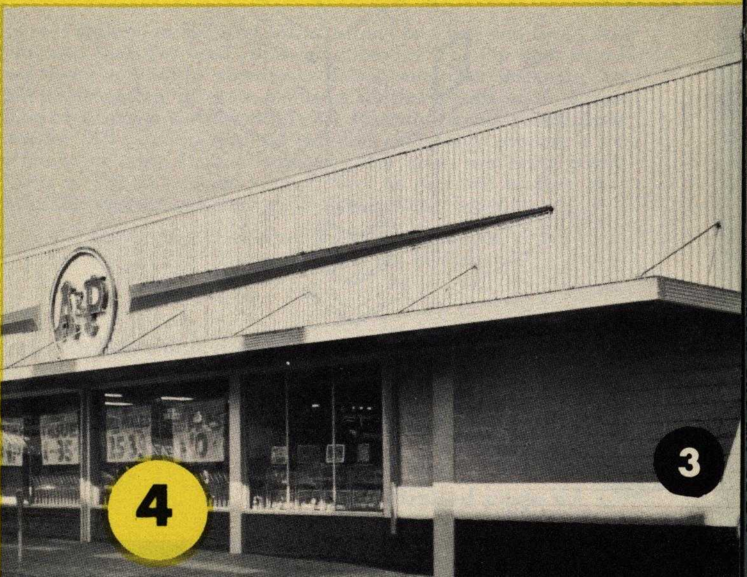
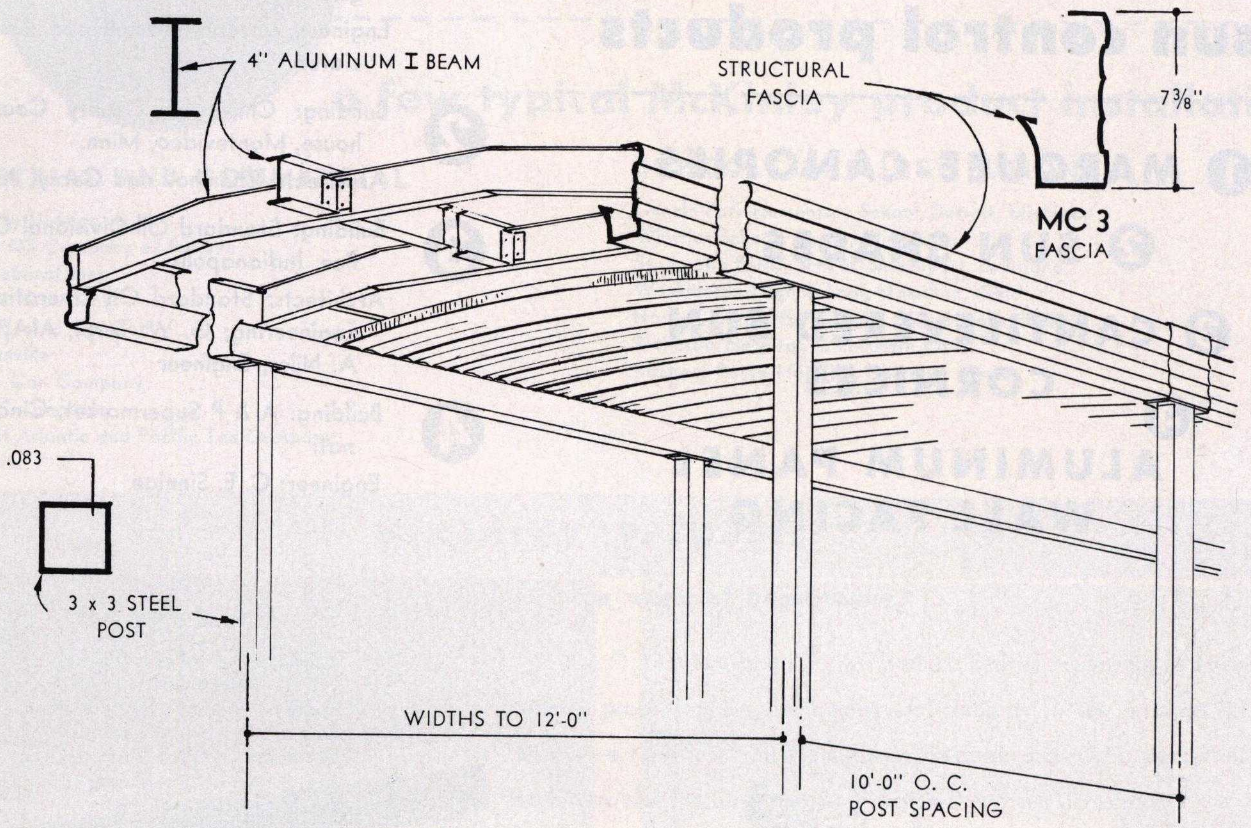
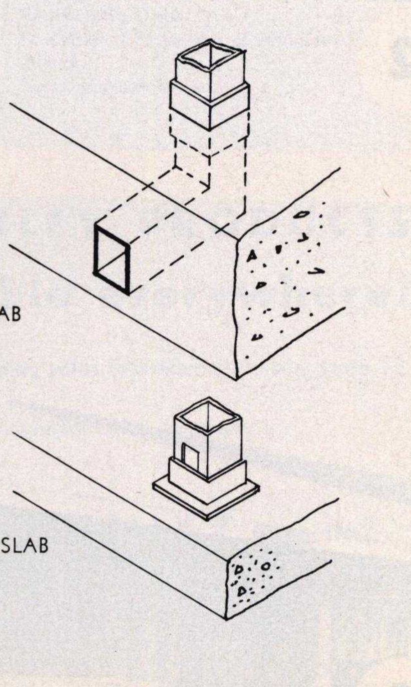


4

WALKWAY COVERS



DRAIN POST DETAILS



SPECIFICATIONS

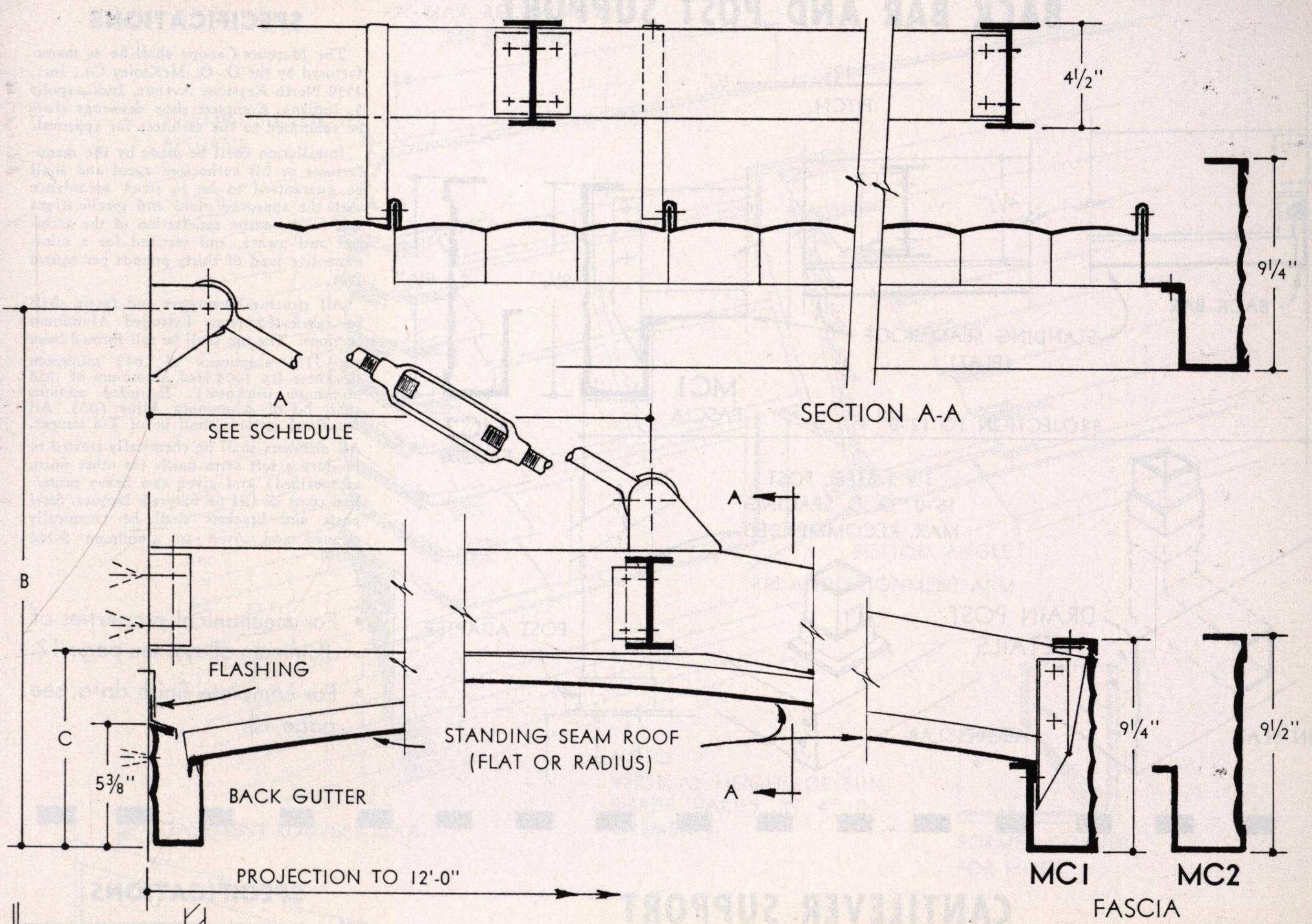
The Aluminum Walkway Cover shall be as manufactured by the O. O. McKinley Co., Inc., 4530 North Keystone Avenue, Indianapolis 5, Indiana. Complete shop drawings shall be submitted to the architect for approval.

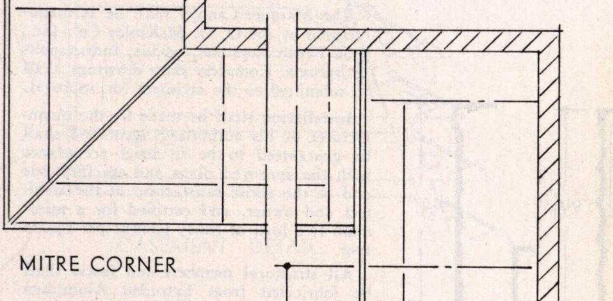
Installation shall be made by the manufacturer or his authorized agent and shall be guaranteed to be in strict accordance with the approved plans and specifications and to the entire satisfaction of the architect and owner, and certified for a minimum live load of thirty pounds per square foot.

All structural members and fascia shall be fabricated from Extruded Aluminum Sections. The top shall be roll formed from 3003-H16 aluminum of .040 minimum thickness (or 3003-H14 aluminum of .050 minimum thickness). Extruded sections shall be of Aluminum Alloy 6063. All structural sections shall be of T-6 temper. All members shall be chemically treated to produce a soft satin finish (or other finish as specified) and given two heavy protective coats of CH 68 butyrate lacquer. Steel posts and brackets shall be chemically cleaned and given an aluminum S-200 finish.

- For mechanical properties of aluminum alloys, see page 12.
- For complete finish data, see page 10.

TIE ROD SUPPORT





SCHEDULE								
PROJ.	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"
A	70% OF PROJECTION							
B	2'-0"	2'-4"	2'-9"	3' 2"	3'-8"	3'-8"	4'-8"	4'-8"
C	9¾"	10¼"	10¾"	11¼"	11¾"	12¼"	12¾"	13¼"
D	10'-0"	10'-0"	10'-0"	10'-0"	10'-0"	10'-0"	8'-0"	8'0"

SPECIFICATIONS

The Marquee-Canopy shall be as manufactured by the O. O. McKinley Co., Inc., 4530 North Keystone Avenue, Indianapolis 5, Indiana. Complete shop drawings shall be submitted to the architect for approval.

Installation shall be made by the manufacturer or his authorized agent and shall be guaranteed to be in strict accordance with the approved plans and specifications and to the entire satisfaction of the architect and owner, and certified for a minimum live load of thirty pounds per square foot.

Tie rods shall be of ¾" steel. All structural members and fascia shall be fabricated from Extruded Aluminum Sections. The top shall be roll formed from 3003-H16 aluminum of .040 minimum thickness (or 3003-H14 aluminum of .050 minimum thickness).Extruded sections shall be of Aluminum Alloy 6063. All structural sections shall be of T-6 temper. All members shall be chemically treated to produce a soft satin finish (or other finish as specified) and given two heavy protective coats of CH 68 butyrate lacquer. Steel tie rods and brackets shall be chemically cleaned and given an aluminum S-200 finish.

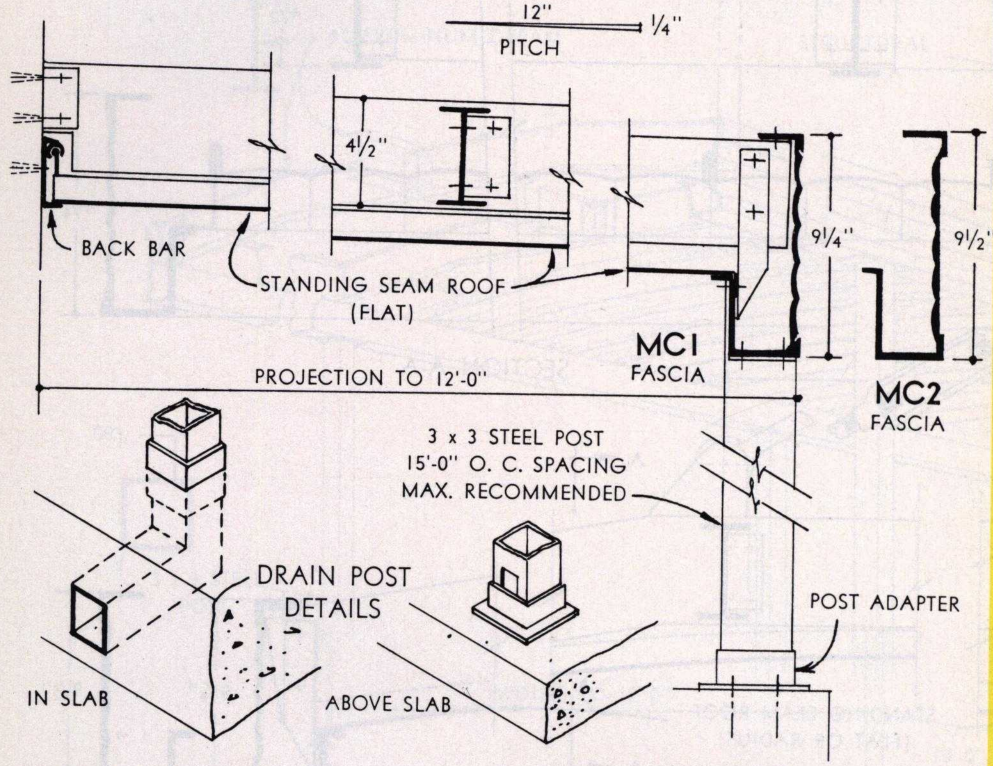
NOTE: 9¼" Fascia weighs 2½ lbs. per foot.
9½" Fascia weighs 3 lbs. per foot.

- For complete finish data, see page 10.
- For mechanical properties of aluminum alloys, see page 12.
- Post and Cantilever installations also available.

(continued page 6)

(continued from page 5)

BACK BAR AND POST SUPPORT



SPECIFICATIONS

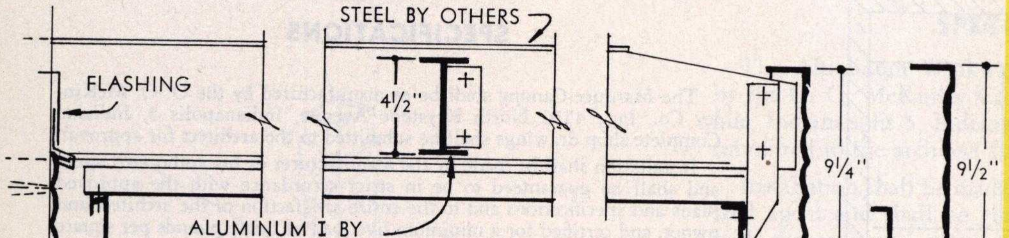
The Marquee-Canopy shall be as manufactured by the O. O. McKinley Co., Inc., 4530 North Keystone Avenue, Indianapolis 5, Indiana. Complete shop drawings shall be submitted to the architect for approval.

Installation shall be made by the manufacturer or his authorized agent and shall be guaranteed to be in strict accordance with the approved plans and specifications and to the entire satisfaction of the architect and owner, and certified for a minimum live load of thirty pounds per square foot.

All structural members and fascia shall be fabricated from Extruded Aluminum Sections. The top shall be roll formed from 3003-H16 aluminum of .040 minimum thickness (or 3003-H14 aluminum of .050 minimum thickness). Extruded sections shall be of Aluminum Alloy 6063. All structural sections shall be of T-6 temper. All members shall be chemically treated to produce a soft satin finish (or other finish as specified) and given two heavy protective coats of CH 68 butyrate lacquer. Steel posts and brackets shall be chemically cleaned and given an aluminum S-200 finish.

- For mechanical properties of aluminum alloys, see page 12.
- For complete finish data, see page 10.

CANTILEVER SUPPORT



STEEL SCHEDULE (Steel furnished by others)

PROJECTION	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"
BEAM SIZE	4"WF	4"WF	4"WF	4"WF	4"WF	5"WF	5"WF
SPACING	10'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

BASED ON 30 LBS./SQ. FT. ALLOWABLE LOAD

NOTE: 9 1/4" Fascia weighs 2 1/2 lbs. per foot.
9 1/2" Fascia weighs 3 lbs. per foot.

SPECIFICATIONS

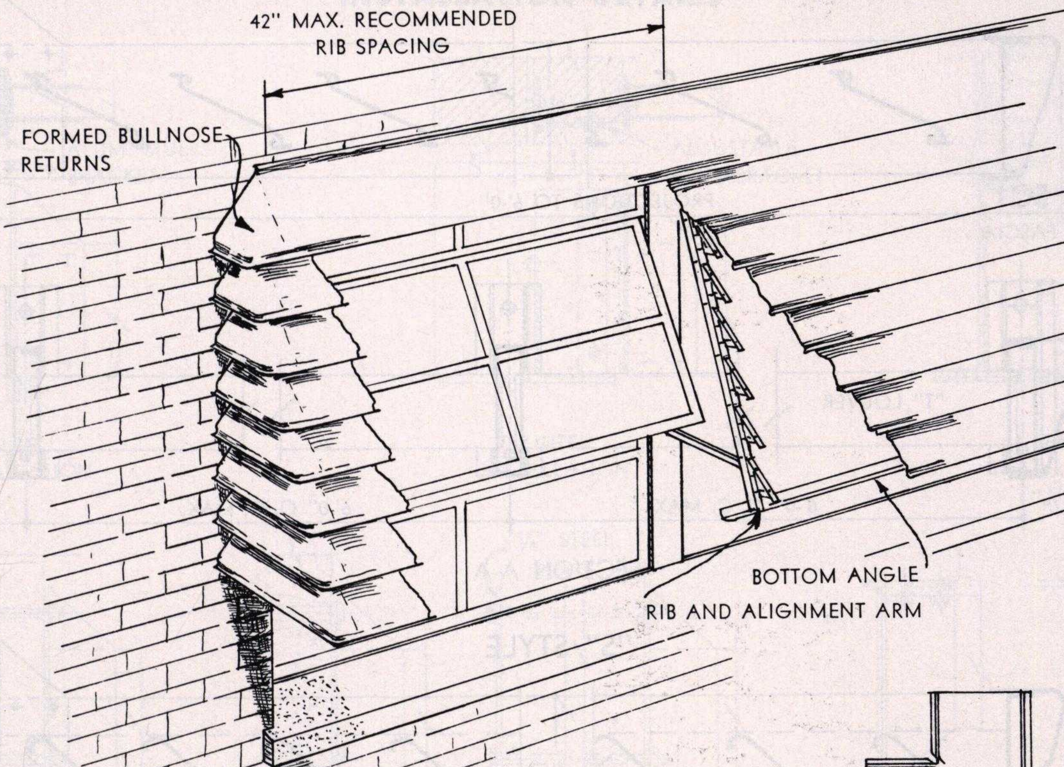
The Marquee-Canopy shall be as manufactured by the O. O. McKinley Co., Inc., 4530 North Keystone Avenue, Indianapolis 5, Indiana. Complete shop drawings shall be submitted to the architect for approval.

Installation shall be made by the manufacturer or his authorized agent and shall be guaranteed to be in strict accordance with the approved plans and specifications and to the entire satisfaction of the architect and owner, and certified for a minimum live load of thirty pounds per square foot.

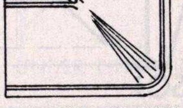
All structural members and fascia shall be fabricated from Extruded Aluminum Sections. The top shall be roll formed from 3003-H16 aluminum of .040 minimum thickness (or 3003-H14 aluminum of .050 minimum thickness). Extruded sections shall be of Aluminum Alloy 6063. All structural sections shall be of T-6 temper. All members shall be chemically treated to produce a soft satin finish (or other finish as specified) and given two heavy protective coats of CH 68 butyrate lacquer.

- For mechanical properties of aluminum alloys, see page 12.
- For complete finish data, see page 10.

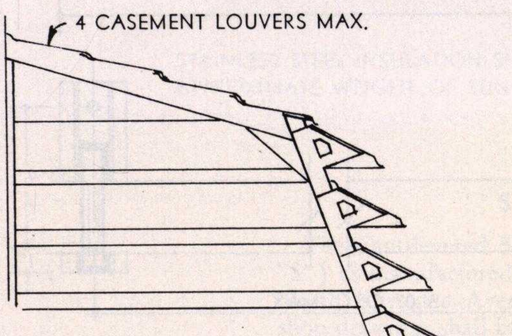
SUN SHADES



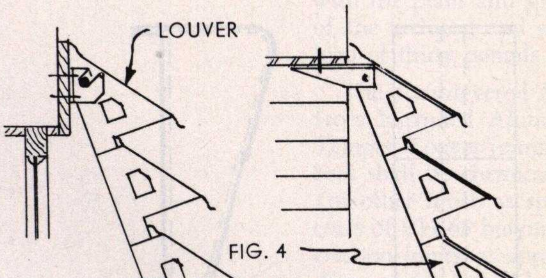
NOTE:
VERTICAL HEIGHT OF SUN SHADE VARIES IN 4" INCREMENTS.



FORMED CORNER FOR MITER



CASEMENT DETAIL



FACE HANGER LINTEL HANGER

SPECIAL HANGERS ARE MADE FOR SPECIAL INSTALLATION CONDITIONS.

SPECIFICATIONS

The Sun Shade shall be as manufactured by the O. O. McKinley Co., Inc., 4530 North Keystone Avenue, Indianapolis 5, Indiana.

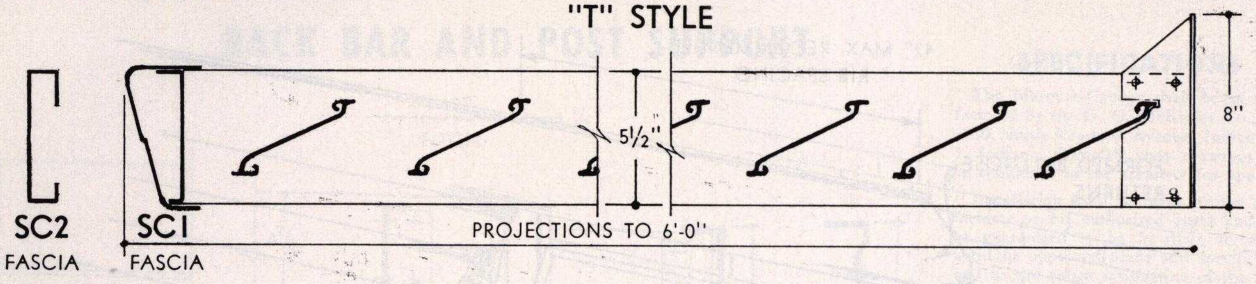
Installation shall be made by the manufacturer or his authorized agent and shall be in strict accordance with the approved drawings and specifications and to the entire satisfaction of the architect and owner.

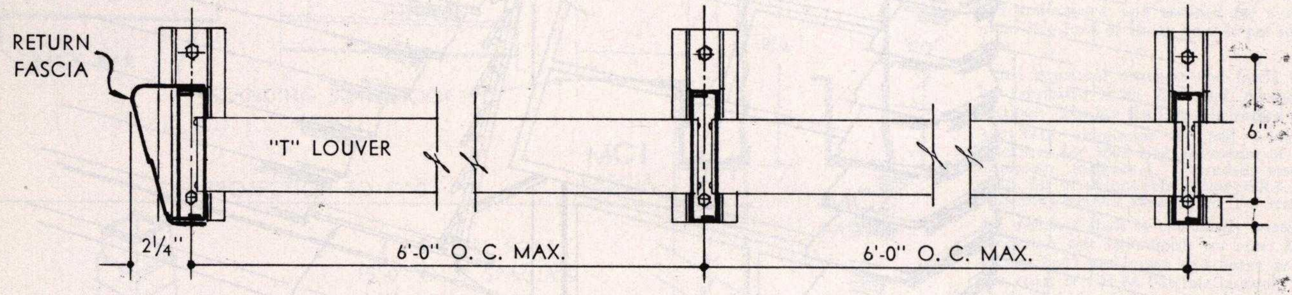
Sun Shade louvers shall be roll formed from 3003-H16 aluminum having .040 minimum thickness. Structural members shall be of extruded aluminum sections of 6063 Alloy, in T-5 temper. The Figure "4" shall be formed from 3003-H14 aluminum of .040 minimum thickness and shall encompass the rib member. All structural members shall be chemically treated and given two heavy protective coats of CH 68 butyrate lacquer. Louvers shall be given a heavy coat of baked on aluminum color enamel (or other color as specified).

- For mechanical properties of aluminum alloys, see page 12.
- For complete finish data, see page 10.

CANTILEVERED SUN CORNICE

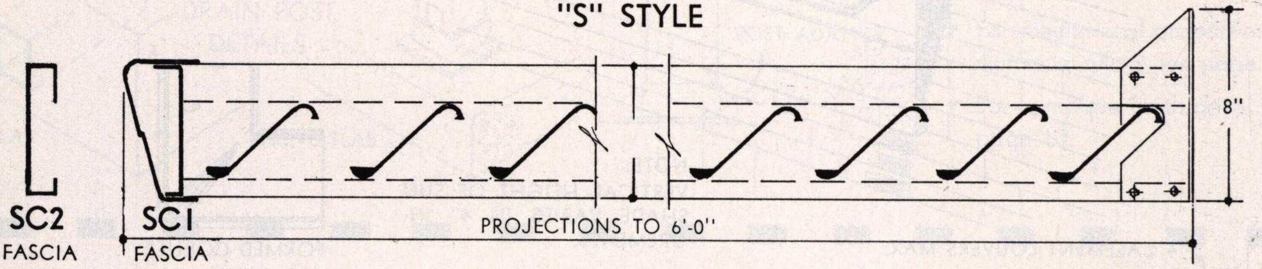
"T" STYLE

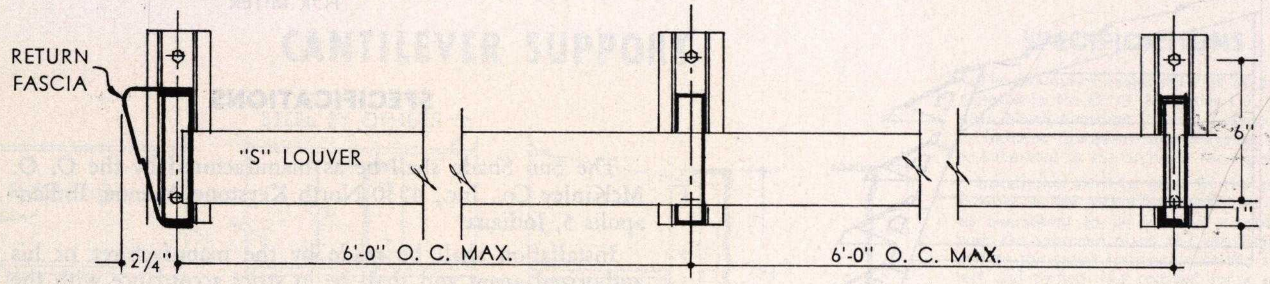




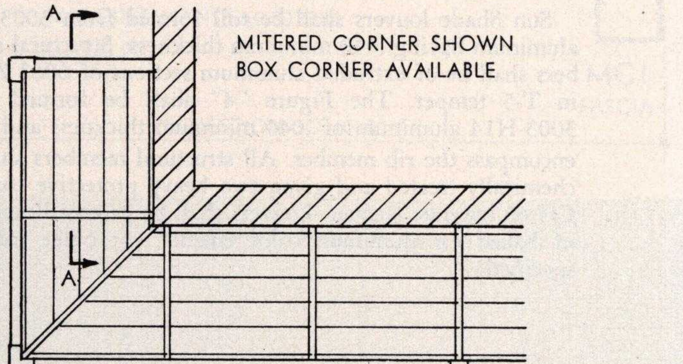
SECTION A-A

"S" STYLE

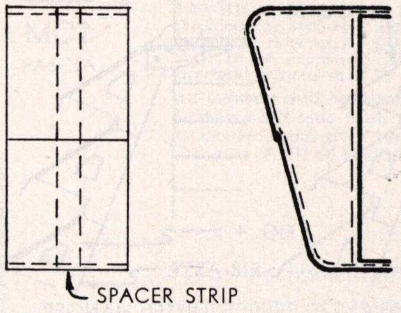




SECTION A-A



PLAN



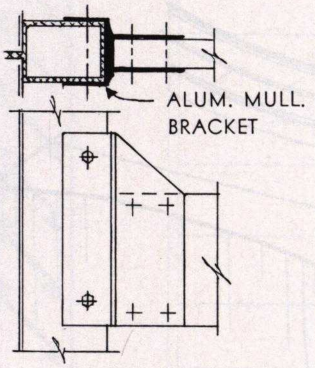
FASCIA EXPANSION JOINT

(continued page 9)

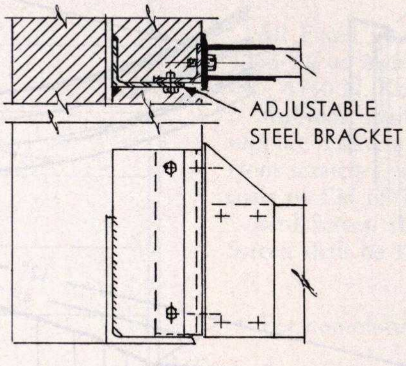
CANTILEVERED SUN CORNICE

(continued from page 8)

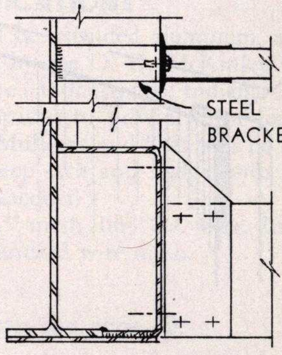
INSTALLATION DETAILS



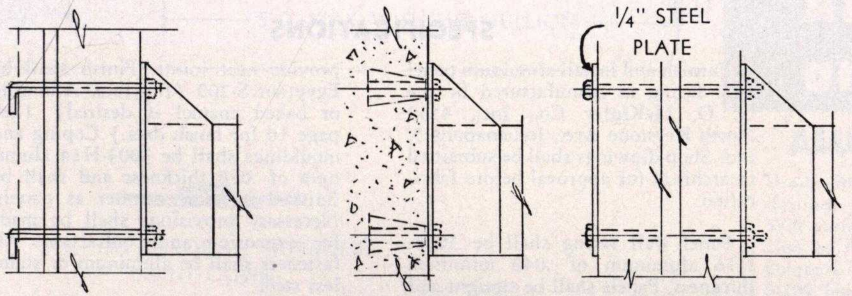
MULLION INSTALLATION



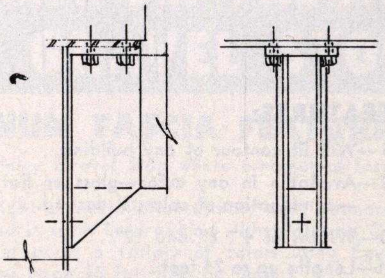
LINTEL INSTALLATION



BEAM INSTALLATION



HOOK BOLTS CONCRETE INSERTS THRU BOLTS



UNDER LINTEL INSTALLATION

WALL INSTALLATIONS

STAINLESS STEEL INSULATION SHIMS TO BE INSTALLED BETWEEN ALL ALUM. AND STEEL
APPROXIMATE WEIGHT OF SUN CORNICE—1.7#/SQ. FT. DEPENDING ON RIB SPACING.

SPECIFICATIONS

The Cantilevered Sun Cornice shall be Style "T" (or style "S") as manufactured by the O. O. McKinley Co., Inc., 4530 North Keystone Avenue, Indianapolis 5, Indiana. Complete shop drawings shall be submitted to the architect for approval.

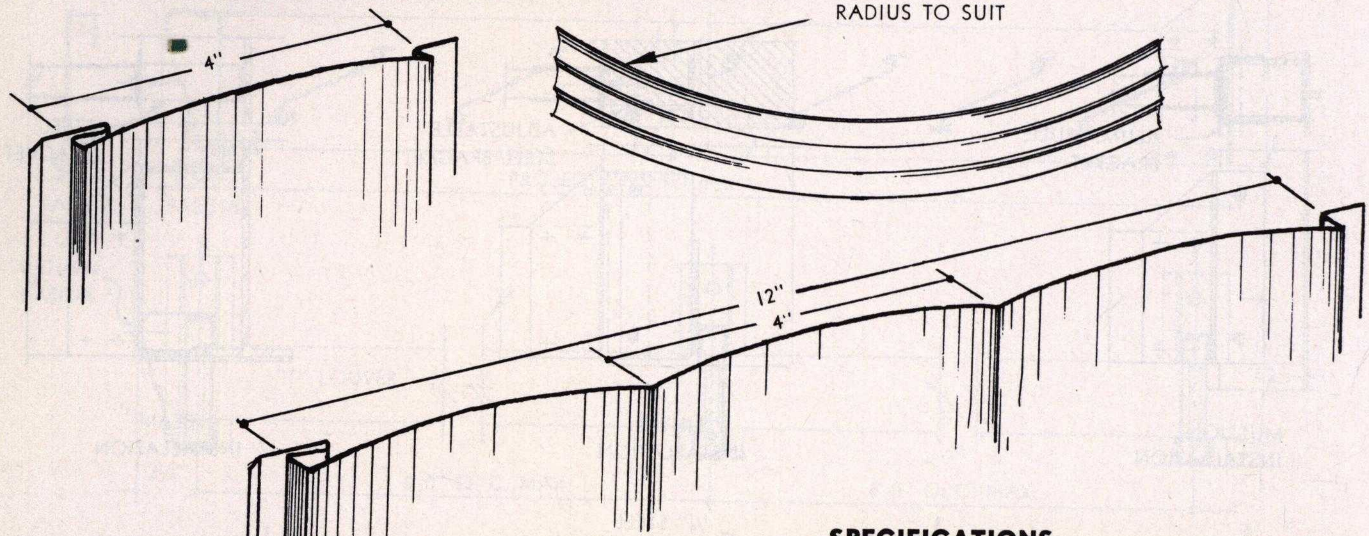
Installation shall be made by the manufacturer or his authorized agent, and shall be guaranteed to be in strict accordance with the plans and specifications and to the entire satisfaction of the architect and owner, and certified for a minimum live load of thirty pounds per square foot.

The Cantilevered Sun Cornice shall be fabricated entirely from Extruded Aluminum Sections of Alloy 6063, in a T-6 Temper. Louver joints shall be housed in rib sections. All members shall be chemically treated to produce a soft satin finish (or other finish as specified) and given two heavy protective coats of CH 68 butyrate lacquer. Necessary expansion and contraction joints, as approved by the architect, shall be provided. A transposing shield of type 302 stainless steel shall be erected behind each bracket which adjoins steel or masonry.

- For mechanical properties of aluminum alloys, see page 12.
- For complete finish data, see page 10.

ALUMINUM PANEL WALL FACING

For Remodeling and New Construction



FEATURES:

1—Will fit contour of any building.
2—Available in any color—gloss or flat finish—combination of colors if desired.
3—Widths of 4", 8" and 12".
4—Lengths up to 24 feet.
5—Can be used vertically or horizontally (note—radiused panels can be furnished for horizontal installation).
6—Can be installed on any type construction.

SPECIFICATIONS

Furnish and install aluminum panel wall facing as manufactured by the O. O. McKinley Co., Inc., 4530 North Keystone Ave., Indianapolis 5, Ind. Shop drawings shall be submitted to architect for approval before fabrication.

Panel wall facing shall be 3003-H16 aluminum of .040 minimum thickness. Panels shall be straight and provide neat joints. Finish shall be Egyptian S-200 (Butyrate, Alumilite or baked enamel if desired). (See page 10 for finish data.) Coping and mouldings shall be 3003-H14 aluminum of .080 thickness and shall be finished in same manner as panels. Necessary provisions shall be made for expansion and contraction. All fasteners shall be aluminum or stainless steel.

- For mechanical properties of aluminum alloys, see page 12.
- For complete finish data, see page 10.

McKINLEY PRODUCT FINISHES

A quality finish is of prime importance in the manufacture of Aluminum Architectural Products. We at McKinley spend a great deal of time developing methods and testing numerous materials in order to provide the architect long lasting finishes.

Currently the O. O. McKinley Co., Inc., is using four basic finishes: CH 68 Butyrate Lacquer, Egyptian S-200 Enamel, Alumilite, and baked enamel. Other finishes available on request.

CH 68 Butyrate Lacquer:

Clear coating CH 68 Butyrate Lacquer will give to aluminum surfaces excellent protection from outside exposure. It will preserve the luster of the factory produced soft satin finish on aluminum and will greatly reduce maintenance costs.

CH 68 is a radical departure from conventional coatings.

Tests show it to be superior in:

Exterior durability—salt spray resistance.
Humidity resistance—acid resistance.
Mar resistance—mortar resistance.

Performance tests and comparative data are available on request.

Specifications:

All aluminum parts shall be chemically cleaned, producing a soft satin finish and sealed with two coats of CH 68 Butyrate Lacquer, producing a 6/10th to 8/10th mil film thickness.

Egyptian S-200

The S-200 is an enamel finish for chemically prepared metal. The fused film has excellent adhesion. Its wear and abrasion resistance, as measured by the Taber Abraser, is 20 times better than ordinary baking enamels and wrinkle finishes and 8 times better than the best epoxy or amine-alkyd enamels Film flexibility is practically equal to that of the metal to which it is applied. Film hardness is 5H (or better) by the Pencil Hardness Test and chemical resistance, both acid and alkaline, is very high. The baked finish consistently passes 1,000 hour tests in salt spray; 100% relative humidity at 100° F.; and aerated tap water immersion. S-200 has excellent exterior durability; is available in a full range of colors, including pastel shades.

Test reports available on request.

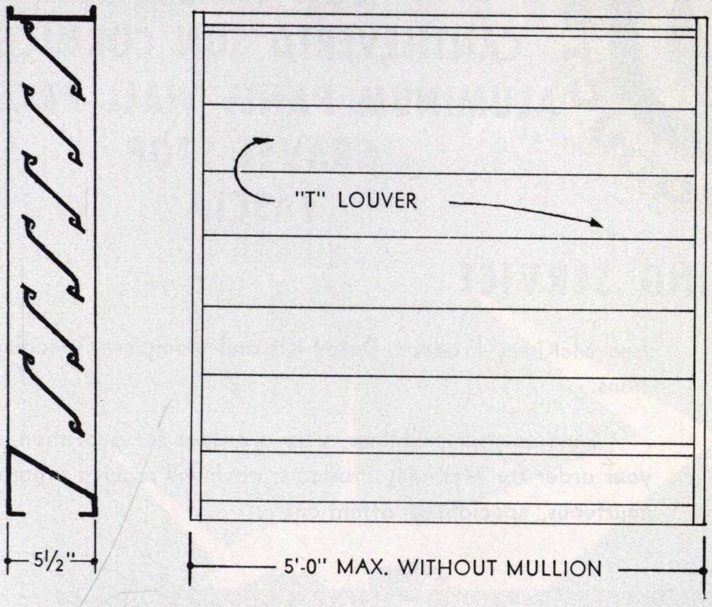
Specifications:

Metal shall be chemically prepared and given a baked on base coat of Egyptian Primer followed by a fused on finish coat of Egyptian S-200 enamel (indicate color).

Alumilite

Can be furnished to any standard specifications.

FIXED LOUVERS



FIXED LOUVERS
SPECIFICATIONS

All Fixed Louvers shall be extruded aluminum, alloy 6063-T6 as manufactured by the O. O. McKinley Co., Inc., 4530 N. Keystone Ave., Indianapolis, Indiana.

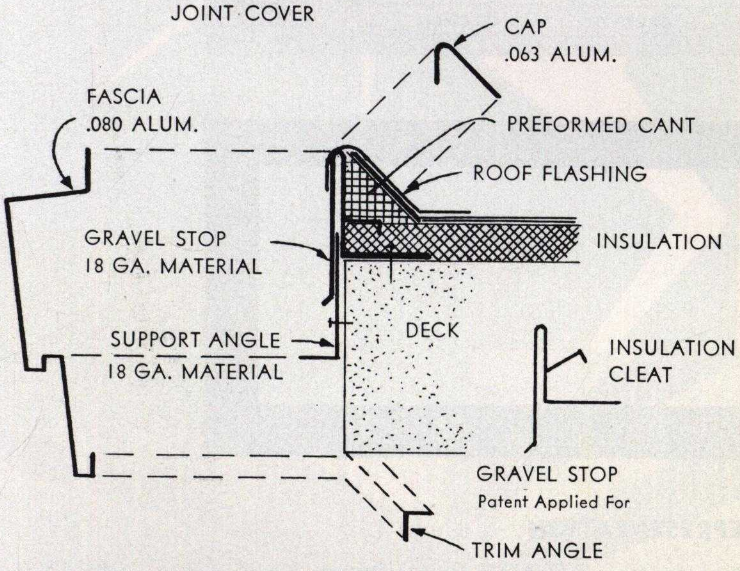
Mullions shall be so spaced to provide firm louver support. Louvers, Heads, Mullions and Sills will be free from scratches, given a deep etch and sealed with two coats of CH 68 Butyrate Lacquer.

Bird Screen shall be ½" mesh, 063 Ga. wire. Insect Screen shall be 18 x 14 standard wire mesh.

- For complete finish data, see page 10.
- For mechanical properties of aluminum alloys, see page 12.

ALUMINUM FASCIA and GRAVEL STOP

SECTION THROUGH EXTRUDED JOINT COVER



Style	Insul. Thickness	Cant. Size
GS 5	½"	3"
GS 10	1"	3"
GS 15	1½"	3"
GS 20	2"	3"
GS 25	2½"	3"

If 4" Cant is desired, add suffix "A" to style number. (GS 10 A will accommodate 1" insulation and 4" cant.)

Recommended Metal Thickness

Galvanized Iron	— 18 ga.	
Cold Rolled Steel	— 18 ga.	(use when specifying S 200 finish.)
Paint Grip Steel	— 18 ga.	(use for job site painting.)
Stainless Steel	— .037	
Aluminum	— .080	(can be furnished plain with Butyrate or S 200 finish.)

ALUMINUM FASCIA FEATURES

1. Used with McKinley Gravel Stop where ornamental fascia is desired.
2. Will permit straight line installation without wavy appearance.
3. Can be furnished in satin finish sealed with two coats CH 68 Butyrate Lacquer or in a variety of colors using Egyptian S-200 finish. (See page 10 for data on finish.)
4. Available in standard 10' lengths, ends housed in extruded joint cover.
5. Extruded joint cover provides for expansion and contraction.

SPECIFICATIONS

Aluminum fascia shall be as manufactured by the O. O. McKinley Co., Inc., 4530 N. Keystone Ave., Indianapolis, Indiana. Shop drawings shall be submitted for architect's approval. Fascia shall be of 3003 H14 aluminum, minimum .080 thickness. The finish shall be a fused-on Egyptian S-200 Enamel (color selected by architect) or other finish as specified—see page 10 for finish data. Extruded expansion joints and joint covers shall be provided. Fascia shall be in standard 10' lengths, with ends housed in extruded joint covers. All corners shall be welded and ground smooth before finish is applied. Installation shall be in strict accordance with manufacturer's prescribed method, and to the satisfaction of the architect and owner.

GRAVEL STOP FEATURES

1. Fastens directly to any type roof deck before roof is applied.
2. Provides pitch dam.
3. No nailer required. No nails or screws through any part of built-up roof.
4. Can be made of aluminum, galvanized iron, cold rolled steel or stainless steel. (Aluminum and cold rolled steel can be furnished in a variety of colors.) See page 10 for data on finishes.
5. Cleats secure insulation at edge.
6. Can be used as Fascia.

SPECIFICATIONS

Gravel Stop shall be as manufactured by the O. O. McKinley Co., Inc., 4530 N. Keystone Ave., Indianapolis, Indiana.

It shall be style (see table) made from (see table for type material). (If special finish is desired, use finish specifications on page 10.)

- For complete finish data, see page 10.
- For mechanical properties of aluminum alloys, see page 12.

McKINLEY PRODUCTS

McKINLEY METAL PRODUCTS

WALKWAY COVERS
MARQUEE-CANOPIES
SUN SHADES
CANTILEVERED SUN CORNICES
ALUMINUM PANEL WALL FACIN
GRAVEL STOP
FASCIA

ENGINEERING SERVICE

You may, from time to time, have need to discuss some special question with regard to sun control; our experience and knowledge is yours for the asking. McKinley's engineering staff is always glad to be of service—without obligation—when it will help you in the solution of a problem. Contact your McKinley Sales Representative—or the plant—for your free McKinley Products Detail Kit and Complete Specifications.

Send us your problems, your drawings for quotation, or your order for McKinley Products; each will receive prompt, courteous, specialized attention.

MECHANICAL PROPERTIES OF ALUMINUM ALLOYS

	Ultimate psi	Yield psi	Compression Yield psi
6063-T5	22,000	16,000	16,000
6063-T6	30,000	25,000	25,000
3003-H14	20,000	17,000	15,000
3003-H16	24,000	21,000	20,000
2024-T4	60,000	44,000	39,000

SALES REPRESENTATION:

FLORIDA:	
Clearwater	35-7094
Miami	PL 4-2576
ILLINOIS:	
Chicago	TU 9-3220
Springfield	4-1328
INDIANA:	
Columbus	3-214
Indianapolis	LI 6-1573
South Bend	CE 2-9271
LOUISIANA:	
New Orleans	AU 0844
MARYLAND:	
Baltimore	CH 3-2271
MICHIGAN:	
Detroit	DI 1-8850
Jackson	ST 4-3157
Kalamazoo	FI 5-1130
Lansing	IV 2-1684
MINNESOTA:	
Fairmont	1488
Minneapolis and St. Paul	GA 9-2367
MISSOURI:	
St. Louis	MI 7-5650
NEW YORK:	
Buffalo	MA 4187
New York	MU 9-1487
OHIO:	
Cincinnati	DU 1-4120
Cleveland	HI 2-5520
Columbus	CA 1-1335
Dayton	BA 2-9271
Toledo	EV 2-9509
PENNSYLVANIA:	
Pittsburgh	TU 4-0300
TENNESSEE:	
Knoxville	52153
Nashville	AL 4-6559
TEXAS:	
Houston	CA 3-4514
VIRGINIA:	
Roanoke	DI 3-2473
WISCONSIN:	
Lake Geneva	CH 8-6030
Union Grove	99x4

O. O. McKINLEY CO., INC. Indianapolis 5, Indiana Liberty 6-1573

30M 10-58 Printed in U.S.A.

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